



#6

Docket No.: 1081.1084

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Toyoshi KAWADA, et al.

Serial No. 09/468,639

Group Art Unit: 2674

Confirmation No. 3873

Filed: December 22, 1999

Examiner: Regina Liang

For: PLASMA DISPLAY PANEL DEVICE

RECEIVED

JAN 30 2002

Technology Center 2600

**PETITION TO RESTART PREVIOUSLY SET PERIOD FOR REPLY****DUE TO LATE RECEIPT OF AN OFFICE ACTION: MPEP 710.06**

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FEB 01 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231DIRECTOR OFFICE  
TECHNOLOGY CENTER 2600

Sir:

An Office Action having a mailing date of December 3, 2001 in the subject application was received on January 24, 2002 at the correspondence address of the undersigned firm having Power of Attorney in the subject application. This Petition requests that the previously set period for response be restarted from the date of receipt of the Office Action at the correspondence address of the undersigned firm, in accordance with MPEP 710.06 and parts (A) through (C)(2) thereof.

In accordance with part (A), this Petition is filed within two (2) weeks of the date of receipt of the Office Action at the correspondence address.

In accordance with part (B), the delay occupied a substantial portion of the set reply period (e.g., at least 1 month of a 2- or 3-month reply period had already elapsed as of the date of receipt).

In accordance with part (C)(1), a copy of the "Office action having the date of receipt of the Office action at the correspondence address stamped thereon is attached as evidence showing the date of receipt of the Office action at the correspondence address."

In accordance with part (C)(2) and pursuant to the usual mail processing procedures of the firm, incoming mail is delivered to the Office Services section of the firm. The mail is then

opened by file clerk(s) of the firm who distribute the opened mail to specified firm personnel. All mail from the USPTO is distributed to the Docketing Department.

In the Docketing Department, the Docketing Manager, Victor DelRio, personally date stamps, and/or supervises the date stamping of, each item of mail and the entry of the identification of each item of mail and the due date of response thereto into the automated docketing system of the firm. The mail is then distributed to the firm attorney having responsibility for the involved matter.

The belated receipt by the firm of large amounts of USPTO mail including the Office action to which this Petition is relevant, was brought to the attention of partners of the aforesaid firm who instituted procedures within the firm for processing this USPTO mail on an expedited basis and preparing and filing the subject Petition.

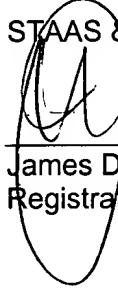
By this Petition, the undersigned attorney for applicant(s) requests that the previously set period for reply be reset to run from the date of receipt of the Office Action of January 24, 2002.

If any fees are required in connection with the filing of this Petition, please charge same to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

By:

  
James D. Halsey, Jr.  
Registration No. 22,729

Date: January 28, 2002

700 11th Street, N.W., Ste. 500  
Washington, D.C. 20001  
(202) 434-1500

JPH  
Response Due: 3-3-02



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/468,639	12/22/1999	TOYOSHI KAWADA	1081.1084/JD	3873

21171 7590 12/03/2001  
STAAS & HALSEY LLP  
700 11TH STREET, NW  
SUITE 500  
WASHINGTON, DC 20001



EXAMINER

LIANG, REGINA

ART UNIT

PAPER NUMBER

2674

DATE MAILED: 12/03/2001

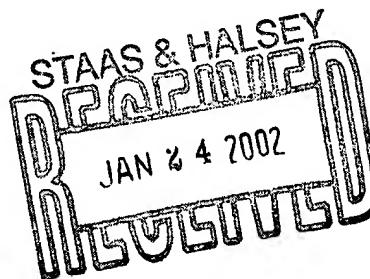
URGENT

Please find below and/or attached an Office communication concerning this application or proceeding.

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JAN 30 2002

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# Office Action Summary

U.S. Patent and Trademark Office  
JAN 28 2002  
SEARCHED INDEXED  
TRADEMARK OFFICE

Application No.  
09/468,639

Applicant(s)

Kawada et al5

Examiner

Regina Liang

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

**RECEIVED**

- 1)  Responsive to communication(s) filed on \_\_\_\_\_
- 2a)  This action is FINAL. 2b)  This action is non-final.
- 3)  Since this application is in condition for allowance except for formal matters, prosecution as to the matter \_\_\_\_\_ is closed in accordance with the practice under Ex parte Quayle 1035 C.D. 11; 453 O.G. 213.

JAN 30 2002

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## Disposition of Claims

- 4)  Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5)  Claim(s) \_\_\_\_\_ is/are allowed.
- 6)  Claim(s) 1-26 is/are rejected.
- 7)  Claim(s) \_\_\_\_\_ is/are objected to.
- 8)  Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9)  The specification is objected to by the Examiner.
- 10)  The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11)  The proposed drawing correction filed on \_\_\_\_\_ is: a)  approved b)  disapproved.
- 12)  The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13)  Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a)  All b)  Some\* c)  None of:

1.  Certified copies of the priority documents have been received.
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*See the attached detailed Office action for a list of the certified copies not received.

- 14)  Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15)  Notice of References Cited (PTO-892)
- 16)  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17)  Information Disclosure Statement(s) (PTO-1449) Paper No(s). 3
- 18)  Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 19)  Notice of Informal Patent Application (PTO-152)
- 20)  Other: \_\_\_\_\_

PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

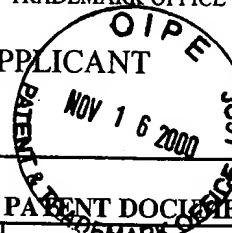
1081.1084 (JDH)

APPLICATION NO.

09/468,639

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)



FIRST NAMED INVENTOR

Toyoshi KAWADA

FILING DATE

12/22/99

GROUP ART UNIT

2879-2674

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
PL	AA	4,044,349	08/23/77	Andoh et al.	G06F	3/14	
	AB	4,384,287	05/17/83	Sakuma	G09G	5/08	RECEIVED
PL	AC	4,652,796	03/24/87	Delgrange et al.	G09G	NOV 16 2000	
	AD						Technology Center 2600
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
PL	AG	0 068 110 A2	05.01.83	Europe	G09G	3/28	✓
	AH						
	AI						RECEIVED
	AJ						JAN 30 2002
	AK						
	AL						Technology Center 2600

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	

## EXAMINER

*Rosie Davis*

## DATE CONSIDERED

*11/26/01*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Andoh et al (US. PAT. NO. 4,044,349 hereinafter Andoh).

Figs. 1, 2 of Andoh discloses a plasma display panel device having first and second electrodes (X and Y electrodes) provided apart from one another and a ground power source, and performing display by generating a discharge between the first and second electrodes, the plasma display panel device comprising a drive circuit (driver 112) that connects the first and second electrodes to power sources that are different from the ground power source or the drive circuit that changes the first and second electrodes from a state of being connected to a first or/and second power sources different from the ground power source to a state of being connected to a second or/and third or/and fourth power sources different from the ground power source so as to apply a drive voltage between the two electrodes when drive voltage pulses are to be applied between the first and second electrodes (see Fig. 4 and col. 5, line 53 to col. 6, line 46).

Art Unit: 2674

3. Claims 1-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Sakuma (US. PAT. NO. 4,384,287).

Sakuma discloses a plasma display panel device having first and second electrodes (301, 302) provided apart from one another and a ground power source, and performing display by generating a discharge between the first and second electrodes, the plasma display panel device comprising a drive circuit (Fig. 6) that connects the first and second electrodes to power sources that are different from the ground power source or the drive circuit that changes the first and second electrodes from a state of being connected to a first or/and second power sources different from the ground power source to a state of being connected to a second or/and third or/and fourth power sources different from the ground power source so as to apply a drive voltage between the two electrodes when drive voltage pulses are to be applied between the first and second electrodes (see Figs. 6-12 and col. 5, lines 14-45, col. 7, line 11 to col. 8, line 20).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Regina Liang whose telephone number is (703) 305-4719. The examiner can normally be reached on Monday-Friday from 9AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on (703) 305-4709.

**Any response to this action should be mailed to:**

Art Unit: 2674

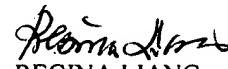
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(703) 872-9314, (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

  
REGINA LIANG  
PRIMARY EXAMINER  
ART UNIT 2674

RL

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 12/22/00 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

**1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:**

- Black ink: Color.  
 — Color drawings are not acceptable until petition is granted.  
 Fig(s) \_\_\_\_\_

— Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS. 37 CFR 1.84 (b)**

- 1 full-tone set is required. Fig(s) \_\_\_\_\_  
 — Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_

- Poor quality (half-tone). Fig(s) \_\_\_\_\_  
**3. TYPE OF PAPER. 37 CFR 1.84(e)**

- Paper not flexible, strong, white, and durable.  
 Fig(s) \_\_\_\_\_

- Erasures, alterations, overwritings, interlineations, folds; copy machine marks not accepted. Fig(s) \_\_\_\_\_  
 — Mylar, velum paper is not acceptable (too thin). Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:**

- 21.0 cm by 29.7 cm (DIN size A4)  
 — 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 — All drawing sheets not the same size.  
 Sheet(s) \_\_\_\_\_  
 — Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS. 37 CFR 1.84(g): Acceptable margins:**

- Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: A4 Size

- Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: 8 1/2 x 11

- Margins not acceptable. Fig(s) \_\_\_\_\_  
 Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_  
 Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**6. VIEWS. 37 CFR 1.84(h)**

- REMINDER: Specification may require revision to correspond to drawing changes.  
 Partial views. 37 CFR 1.84(h)(2)

- Brackets needed to show figure as one entity.  
 Fig(s) \_\_\_\_\_  
 — Views not labeled separately or properly.  
 Fig(s) \_\_\_\_\_  
 — Enlarged view not labeled separately or properly.  
 Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)**

- Hatching not indicated for sectional portions of an object.  
 Fig(s) \_\_\_\_\_  
 — Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)**

- Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE. 37 CFR 1.84(k)**

- Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  
 Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.**

- 37 CFR 1.84(i)  
 — Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).  
 Fig(s) \_\_\_\_\_

**11. SHADING. 37 CFR 1.84(m)**

- Solid black areas pale. Fig(s) \_\_\_\_\_  
 — Solid black shading not permitted. Fig(s) \_\_\_\_\_  
 — Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.**

- 37 CFR 1.84(p)  
 — Numbers and reference characters not plain and legible.  
 Fig(s) \_\_\_\_\_

- Figure legends are poor. Fig(s) \_\_\_\_\_  
 — Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  
 Fig(s) \_\_\_\_\_

- English alphabet not used. 37 CFR 1.84(p)(2)  
 Figs: \_\_\_\_\_

- Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  
 Fig(s) \_\_\_\_\_

**13. LEAD LINES. 37 CFR 1.84(q)**

- Lead lines cross each other. Fig(s) \_\_\_\_\_  
 — Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)**

- Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS. 37 CFR 1.84(u)**

- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. CORRECTIONS. 37 CFR 1.84(w)**

- Corrections not made from prior PTO-948 dated \_\_\_\_\_

**17. DESIGN DRAWINGS. 37 CFR 1.152**

- Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 — Solid black shading not used for color contrast.  
 Fig(s) \_\_\_\_\_

**COMMENTS**

REVIEWER \_\_\_\_\_

(W) DATE 2/15/01 TELEPHONE NO. 203 3058404

ATTACHMENT TO PAPER NO. 3